

# SLIM-PIR-PRO

## PIR MOTION DETECTOR WITH IR ANTI-MASKING FUNCTION

The **SLIM-PIR-PRO** detector detects motion in the protected area.

- certificate of compliance with the EN 50131 requirements for Grade 3
- motion detection using passive infrared (PIR) sensor
- adjustable sensitivity of detection
- digital motion detection algorithm
- digital temperature compensation
- option to enable/disable the creep zone protection
- wide-angle lens, designed specifically for **SLIM LINE** detectors
- option to replace the wide-angle lens with a curtain (**CT-CL**) or long-range (**LR-CL**) one
- active IR anti-masking, compliant with EN 50131-2-2 for Grade 3
- ability to configure detector operating parameters using the **OPT-1** keyfob
- built-in end-of-line resistors (2EOL: 2 x 1,1 kΩ / 2 x 4,7 kΩ / 2 x 5,6 kΩ)
- LED indicator
- selectable color of the LED indicator (7 colors available)
- LED indicator remote enable/disable
- configuration mode remote enable/disable
- supervision of motion detection and supply voltage circuit
- tamper protection against opening of enclosure and removal from mounting
- adjustable mounting holder (**BRACKET D**) included, provided with tamper switch



### TECHNICAL DATA

|   |  |
|---|--|
| Supply voltage                                  | 12 V DC  |
| Detected target velocity                        | 0,2...3 m/s                                      |
| Operating temperature range                     | -10°C...+55°C                                    |
| Recommended mounting height                     | 2,4 m  |
| Standby mode current consumption                | 20 mA  |
| Max. current consumption                        | 82 mA  |
| Weight  | 142 g  |
| Maximum humidity                                | 93±3%  |
| Dimensions                                      | 62 x 137 x 42 mm                                 |
| Environmental class according to EN50130-5      | II   |
| Alarm signaling time                            | 2 s  |
| Complied with standards                         | EN 50131-1, EN 50131-2-2, EN 50130-4, EN 50130-5 |
| EOL resistors                                   | 2 x 1,1 kΩ / 2 x 4,7 kΩ / 2 x 5,6 kΩ             |
| Warm-up period                                  | 30 s   |
| Security grade according to EN50131-2-2         | Grade 3  |
| Alarm outputs (NC relay, resistive load)        | 40 mA / 24 V DC                                  |
| Tamper outputs (NC relay, resistive load)       | 40 mA / 24 V DC                                  |
| Anti-masking outputs (NC relay, resistive load) | 40 mA / 24 V DC                                  |
| Relay contact resistance (alarm output)         | 26 Ω   |
| Permissible installation height                 | up to 4 m  |
| Relay contact resistance (tamper output)        | 26 Ω   |
| Relay contact resistance (anti-masking output)  | 26 Ω   |